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SOURCE Elektrichestvo, No 5, p 88.CAREER OF PROFESSOR A. YA. BERGER

[Comment: The following review of A. Ya. Berger's career was  
 contributed by Academician V. S. Kulebakin, Honored Scientist and  
 Engineer; Professor S. A. Rinkevich, Doctor of Technical Sciences;  
 Professor D. A. Zavalishin, Doctor of Technical Sciences; Professor  
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 Merkin, Candidate of Technical Sciences; and M. I. Oranskiy.]

The year 1950 marked the completion of 30 years of scientific, engineering,  
 and pedagogic activity by A. Ya. Berger, Professor at LZII (Leningrad Corre-  
 spondence Industrial Institute).

Aleksandr Yakovlevich Berger was born in 1894. In 1920, he graduated with  
 honors from the Khar'ko Technological Institute. Since then, he has engaged  
 in a variety of activities in the field of electrical machine building, com-  
 bining scientific and pedagogic work with practical work in the electrical in-  
 dustry.

Until 1927, Berger managed the calculating bureau for induction machines,  
 later for synchronous machines, of the Kharkov Electromechanical Plant, and  
 after that he managed the plant research bureau which he set up. Beginning in  
 1930, he headed the turbogenerator bureau of the Kharkov Turbogenerator Plant.  
 Also in 1930, he organized a chair of turbogenerator construction in the KhETI  
 (Khar'kov Electrical Engineering Institute).

From 1931 until World War II began, Berger worked as a professor at the  
 Leningrad Polytechnical Institute in the chair of electrical machines. During  
 World War II, he worked as chief electrician of a plant, professor at the Tomsk  
 Industrial Institute, chair head at the Moscow Institute of Steel and Stalin,  
 member of the Technical Council of the Ministry of the Electrical Industry, and  
 also as a plant consultant. In 1944, Berger headed the chair of electric ma-  
 chines at the Leningrad Electrical Engineering Institut. of Communications and  
 worked as consultant for the "Elektrosila" Plant.

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Berger is the author of 70 publications, including books on electric machines for students and engineers and a major work on turbogenerators, which contains a comprehensive examination of turbogenerators (analysis, design, production, economics, operation, etc.). This book has had three editions (1935, 1937, and 1941).

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